

From: Director-DWP, Program (DEP)
Sent: Monday, December 15, 2014 10:19 AM
Subject: Updates to the Drinking Water Program

LT2ESWTR

The Massachusetts Department of Environmental Protection, Drinking Water Program (MassDEP/DWP), is responsible for the implementation of the Federal Safe Drinking Water Act **Long Term 2 Enhanced Surface Water Treatment Rule** (LT2ESWTR). The purpose of the LT2ESWTR is to improve control of microbial pathogens in drinking water, specifically the protozoan *Cryptosporidium*, and address risk trade-offs with disinfection byproducts. Under this rule, all surface water systems and groundwater under the direct influence of surface water (GWUDI) systems must provide additional treatment for the removal or deactivation of *Cryptosporidium* corresponding to the concentrations found in their source water. A notification letter was mailed to all LT2ESWTR –Schedule 1 system. A copy of the letter is located at <http://www.mass.gov/eea/agencies/massdep/water/drinking/water-systems-ops.html#24> . If you are a LT2ESWTR –Schedule 1 system please contact the staff mentioned in the letter if you have more questions on LT2ESWTR.

What is a **Well Dome**?

It is a 2,000 lb. concrete dome to cover/protect a wellhead. You can get more information at: <http://www.welldomes.net/contact.htm>.

MassDEP neither endorses nor prohibits the use of Well Domes. However Massachusetts public water suppliers who use a Well Dome, or any other wellhead enclosure that requires special equipment to access the wellhead for routine inspections and emergency situations, must be made aware of the following MassDEP requirements:

- 1) Well Domes must be removed to allow for proper (visual) monthly inspection;
- 2) Well Domes must be removed promptly, when needed to address emergency situations;
- 3) The removal and replacement of a Well Dome, which may weigh approximately 2,000 pounds, presents a risk to the wellhead each time the Well Dome is moved;
- 4) The removal and replacement of the Well Dome requires special equipment, e.g., a backhoe or other equipment, that the public water system must have available, and under the public water supplier's control, either on site or in close available proximity, to remove the Well Dome for monthly inspections and emergency response actions;
- 5) MassDEP considers the addition of a Well Dome, or any other wellhead enclosure that requires special equipment to access the wellhead for routine inspections and emergency situations, a substantial modification per 310 CMR 22.04(1) and MassDEP DWP Policy 08-01. All public water systems that intend to use a Well Dome or other wellhead enclosure that require special equipment to access the wellhead for routine inspections and emergency situations, must provide MassDEP with an access plan for MassDEP's approval prior to installation; and
- 6) All existing Well Domes on public water systems in Massachusetts will be evaluated and the water system made aware of the MassDEP access requirements for Well Dome or other wellhead enclosure that require special equipment to access the well for routine inspections and emergency situations.

If you have any questions about MassDEP's requirements, please contact Program.Director-DWP@state.ma.us.

Well Drillers Registration

Please be aware that the fee for Driller Registration renewals have increased from \$50 to \$100 and the rigs are assessed a registration fee of \$25 per rig. A number of Renewal Forms have been received with insufficient funds to cover the registration(s) being requested. Also, some are still sending the renewal to the DEP's office address rather than the PO Box listed in bold text in the front of the form. This delays the processing of the renewal by adding additional steps to reroute the paperwork and check. Any questions to the renewal process can be directed to Steve Hallem at stephen.hallem@state.ma.us or 617-292-5681.

TED

First off, what is a **TEDTalk**? It was developed in 1984 as a platform where technology, entertainment, and design converge in a powerful 18-minute talk. View an exciting TEDTalk presentation on the **Value of Water** at <https://www.youtube.com/watch?v=MrEuta9GPGM>. You may wish to share this information. It is well worth your time.